

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Potassium Carbonate Anhydrous 99 % Extra Pure

Catalog Number : O-5140

Batch Number : 5140-00000000

CAS Number : 584-08-7

Molecular Weight : 138.21 g/mol

Mol. Formula : K_2CO_3

Expire Date : 60 months

SAMPLE

No	Test	Specifications	Results
1	Appearance	A hygroscopic white crystalline powder or granular or powder	A hygroscopic white crystalline powder
2	Assay (acidimetric)	min 99.0 %	99.55%
3	Insoluble matter in water	max 0.02 %	0.0024%
4	Loss on drying (at 300 °C)	max 3 %	0.45%
5	Chloride (Cl)	max 0.01 %	0.002%
6	Phosphate (PO ₄)	max 0.005 %	0.0011%
7	Sulphate (SO ₄)	max 0.05 %	0.0041%
8	Calcium (Ca)	max 0.01 %	0.002%
9	Iron (Fe)	max 0.01 %	0.0063%
10	Magnesium (Mg)	max 0.01 %	0.0024%

Corresponds to Extra Pure Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC